



FISCAL YEARS 2016-2018



NAVAJO COUNTY ARIZONA JUDICIAL BRANCH INFORMATION TECHNOLOGY STRATEGIC PLAN

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NAVAJO COUNTY COURTS

INFORMATION TECHNOLOGY STRATEGIC PLAN FOR FISCAL YEARS 2016-2018

INTRODUCTION

This is a three year information technology strategic plan for the courts in Navajo County covering the period from January 2014 through June 2018. It was created as an update to the FY14-FY16 plan submitted in March 2013.

The courts in Navajo County are composed of the following:

Superior Court in Navajo County
Holbrook Justice Court
Winslow Justice Court
Snowflake Justice Court
Show Low Justice Court
Pinetop-Lakeside Justice Court
Kayenta Justice Court
Holbrook Magistrate Court
Winslow Magistrate Court
Show Low Magistrate Court
Pinetop-Lakeside Magistrate Court

The Superior Court in Navajo County provides administrative direction to the courts. Each court also works close with its local funding agency, which is county government for superior and justice courts and city government for municipal or magistrate courts.

The automation for the county's courts is primarily centralized with the Administrative Office of the Courts (AOC). The courts participate in providing direction for the strategic automation projects through a variety of user and other statewide policy groups. These include:

- The Commission on Technology and its subcommittees:
 - Court Automation Coordinating Committee,
 - Probation Automation Coordination Committee, and
 - The Technical Advisory Council
- The General Jurisdiction (GJ) Case Management System (CMS) Users' Group,
- The Juvenile On-Line Tracking System (JOLTS) Users' Group and
- The Adult Probation Enterprise Tracking System (APETS) Statewide Users' Group.

Courts are also represented on the Clerks of the Court Association, General Jurisdiction Case Management System Committee, Arizona Judicial Council, Committee on Superior Court, Committee on Limited Jurisdiction Courts, Superior Court Administrators Association, Limited Jurisdiction Court Administrators Association, PAM Users, as well as Code Standardization and Caseflow Managers Groups.

A. PLANNING METHOD AND PARTICIPANTS

This section outlines the participants, processes and events that contributed to formulating the Information Technology Plan for Navajo County Courts.

A countywide automation committee made up of representatives from courts and the county developed this plan. Participants included:

Michala M. Ruechel	Presiding Judge
Ralph E. Hatch	Superior Court Judge Division I
Robert J. Higgins	Superior Court Judge Division II
Dale P. Nielson	Superior Court Judge Division III
Evelyn G. Marez	Justice of the Peace, Holbrook Justice Court
BJ Little	Justice of the Peace, Winslow Justice Court
Fred L. Peterson	Justice of the Peace, Snowflake Justice Court
Stephen Price	Justice of the Peace, Show Low Justice Court
David L. Widmaier	Justice of the Peace, Pinetop-Lakeside Justice Court
Susie Nelson	Justice of the Peace, Kayenta Justice Court
Deanne M. Romo	Clerk of the Superior Court
Marc Russell	Chief Deputy, Clerk of the Superior Court
Shanda Breed	Chief Adult Probation Officer
Arno Hall	Juvenile Director
Jake Salas	Interim Juvenile Detention Director
Ernie Garcia	Navajo County Jail Commander
Marla Randall	Court Administrator
Ken DeWitt	MIS Director
Jimmy Jayne	County Manager

B. JUDICIARY STRATEGIC AGENDA: STATE AND LOCAL

B.1. JUDICIAL BRANCH STATEWIDE AGENDA

The courts support *ADVANCING JUSTICE TOGETHER: COURTS & COMMUNITIES 2014-2019* and its vision to increase the public's trust in the court system, to inspire confidence that individual rights are being protected, and to ensure that all citizens are being treated fairly. This strategic agenda was adopted in March 2010 at the direction of the judiciary's new chief justice. It remains consistent with the previous *JUSTICE 20/20* vision and encompasses five broad goals, each associated with several key strategic business needs. The goals are:

1. Promoting Access to Justice;
2. Protecting Children, Families, and Communities;
3. Improving Court Processes to Better Serve the Public;
4. Enhancing Professionalism within Arizona's Courts; and
5. Improving Communications and Community Participation.

B.2. LOCAL COURT AND AGENCY STRATEGIC AGENDAS, INITIATIVES, AND BUSINESS PRESSURES WITH RESPONDING LOCAL COURT AND AGENCY TECHNOLOGY INITIATIVES

The county's courts and their associated local funding agencies have identified additional strategic business goals, initiatives, and pressures. Applicable information technology initiatives or projects have been aligned with them as follow:

COURT/LOCAL AGENCY NAME	STRATEGIC AGENDA	RELATED IT INITIATIVE(S)
Superior Court	Continue to improve information currently provided to the public.	Develop web-based information to provide additional information on court process and forms to constituents.
Superior Court	Continue to expand Adult Drug Court Program participants	
Superior Court	Continue developing the Early Resolution Court to save resources and improve efficiency in processing criminal cases	

COURT/LOCAL AGENCY NAME	STRATEGIC AGENDA	RELATED IT INITIATIVE(S)
Superior Court/Clerk of the Court	Continue attempts to obtain a copy of the AJACS Data Dictionary for creating additional reports from the AJACS system	Construct ad hoc SSRS and Crystal Reports to obtain CMS information.
Superior Court/Clerk of the Court	Incorporate the use of digitization functionality in daily operations of the court	Integration of E-Court Initiatives driven by the Administrative Office of the Courts
Clerk of the Court	Continue improving business processes within the office to save staff time and improve efficiency of workflow	
Clerk of the Court	Explore options to convert archival records in paper and film format to digital	
Adult Probation	APETS Initiative	Participation in State-wide APETS initiative.
Adult Probation	Integration of APETS system with new State-wide CMS.	Integrate APETS system with new STATEwide CMS as directed by AOC.
Juvenile Probation	Begin process to implement video/web based court appearances for Juvenile offenders.	Obtain and install a video system that will allow juveniles to appear via video/web for some court appearances.
Juvenile Probation	Integration of JOLTSaz system with new State-wide CMS.	Integrate JOLTSaz system with new Statewide CMS as directed by AOC.
Juvenile Probation	JOLTS Initiative	Participation in State-wide JOLTSaz initiative.
Juvenile Detention	Continue partnership with BIA to house their juvenile detainees; and improve the efficiencies of conducting hearings at a reduced	Put into practice the use of video based appearances to reduce the time and costs associated with transporting

COURT/LOCAL AGENCY NAME	STRATEGIC AGENDA	RELATED IT INITIATIVE(S)
	cost to them	BIA juvenile detainees.
Juvenile Detention	Obtain JABG funding from the AZ Governor's Office for Children, Youth and Families to utilize for staffing, training, and facilities management in Juvenile Detention	
Justice Courts	Increase use of the video based system to include arraignments in the Justice Courts that have not adopted this process.	
Limited Jurisdiction Courts	Adopt modern CMS to meet needs of Limited Jurisdiction Courts	Participate in conversion, training, and implementation of AJACS CMS in LJ Courts
Justice Courts	Expand the current web-based product to provide additional information on court process and provide forms to constituents.	Maintain website on County Web Server.
All Navajo County Courts	Continue to build court leadership via participation of court employees in the County's Leadership Development Program	
All Navajo County Courts	Explore desire of the County for the Courts to migrate from the current Polycom system to Lync.	Coordinate with AOC Network resources and County Network resources.

C. CURRENT TECHNOLOGY ENVIRONMENT

This section describes both the statewide and local hardware and software environment. Hardware includes mainframes, servers, desktops, and other peripherals. Software includes statewide applications, local software and desktop productivity tools.

Hardware

The Arizona Judicial Department has a diverse mix of hardware used by the various projects and programs that have evolved and applications that have been acquired and/or developed over the last several years. The mix of hardware that the county courts accesses includes the newest architectures designed to support the complexity of these applications and the large geographical area served by the Judicial Branch.

The server environment, hosted at the Administrative Office of the Courts Data Center, includes IBM AS/400s for JOLTS and general administrative operations of the Administrative Office of the Courts. The ACAP courts and the appellate courts are Operating on IBM AIX Systems. Windows servers provide for Internet, Intranet, e-mail, Statewide Crystal Enterprise/SSRS reporting, and Statewide remote on-line training as well as file and print sharing.

The desktop environment includes a variety of PCs. AOC/ITD, under COT's direction, is replacing all the State-owned external (ACAP and JOLTS) PCs (about 4000) in FY15. Because of the long hardware life expected for the new PCs and the ever-shortening support cycle by software manufacturers, the project also includes a change to a subscription model for the operating system and office productivity applications utilized by all PCs deployed in the courts' environment. This most recent refresh activity, placed the following models were placed in service:

- Desktop: C8N26AV HP EliteDesk 800 G1 Small Form Factor: Intel Core i5-4570 Processor (3.20 GHz, 6MB Cache), Intel HD Graphics 4600, 8GB RAM, 500GB Hard Drive, Intel Gigabit Network Connection, Intel Core i5 vPro
- Laptop: D1F64AV HP EliteBook 850 G1 Notebook PC: Intel - i5-4300U (1.9 GHz w/ Turbo, 3MB Cache) Processor, Intel HD Graphics 4400, 8GB RAM, 500GB Hard Drive, Intel Gigabit Network Connection, Core i5 vPro, D8U08AV Integrated camera
- Printer: CE991A HP LaserJet - HP Laser Jet M602M

The hardware listed in Appendix A reflects equipment used to support the court management system software, the juvenile tracking software, other state-provided applications as well as additional local record keeping functions. Additional hardware beyond these desktop items is also listed.

Software

Appendix A also identifies all the software used in the county's courts. It includes the state-provided applications such as AJACS, AZTEC, APETS, TIP, JOLTS, and any word processing, spreadsheet, report writing, and other database or other tracking applications.

D. INFORMATION TECHNOLOGY STRATEGIC PROJECTS

This section identifies each statewide and local strategic project in which the county's courts participate or will actively be pursuing in over the next three years. For those projects primarily supported at the state level, it will identify project status and describe the local courts' planned participation and note any related, independent future plans. For independent but complimentary local projects, additional details on resources and future plans are included.

This section also includes information for independent technology projects which are not primarily supported by state resources. Information on these projects includes showing alignment to both statewide and local technology strategic initiatives and enterprise architecture standards. Any technologies or products appearing in the "Retirement" column of the Enterprise Architecture standards table have a corresponding migration or replacement project identified.

The statewide strategic technology projects, and their priority as assigned by the Commission on Technology, are as follows:

Top Tier eCourt

- Deploy New eFiling Engine
- Deploy Judge Automation
- Launch eAccess
- Build Online Citation Pay

Top Tier Court Automation

- AJACS - LV/Mesa
- JOLTSaz Deployment
- Technology Refresh
- AJACS - AZTEC Replacement
- AJACS - GJ Enhancements
- AJACS - GJ eFiling Enhancement
- NICS Reporting
- FARE - Infrastructure Port

Second Tier

- Time Standards Reporting
- eWarrant Pilot
- Data Destruction
- Appellate CMS
- Disaster Recovery Study
- APETS Integration

COURT IT ACCOMPLISHMENTS CY2013/2014

This section lists the accomplishments of the county's courts in information technology projects from January 2013 to January 2015.

STRATEGIC PROJECT (State or Local)	PROGRAM / PROJECT	DESCRIPTION	LOCAL ACCOMPLISHMENT
State	Technology Refresh	Replaced Vista PCs with Windows 8 PCs	January 2015
State	E-Access	Provided historical documents to CDR at AOC	December 2014
Local	Justice Court & Superior Court	Created webpages of basic court information	November 2014
Local	Justice Court	Data clean-up in preparation for LJ AJACS project	On-going
Local	Early Resolution Court	Implemented an ERC for the Superior Court	February 2014
State	AJACS Statistical and Case Management Reports	Participated in the design and testing of AJACS statistical and case management reports.	Summer 2014
Local	Credit Card Processing	Replaced old credit/debit card processing with n-court	Spring 2014
Local	Infrastructure for Integrated Phone System	Enabled courts' participation in Navajo County Unified Communication System on AJIN network	Summer 2014
State	Restoration of FARE functionality	Restoration of FARE functionality in Superior Court	Winter 2014

COURT PROJECTS MASTER LISTING

This section collects all information technology project-related information for all the county's courts during the plan period. Projects listed include both those in support of statewide efforts as well as independent strategic technology projects that support the court's strategic initiatives independent from the statewide projects.

STATEWIDE PROJECT PARTICIPATION

Strategic Project Name / Phase	Brief Project Description	Related Statewide Project	Participation Scheduling	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
LJ CMS Conversion	Participate in conversion, training, and implementation of AJACS CMS in LJ Courts	LJ CMS Dev/Pilot/Rollout	Mid-cycle implementation	FY15	Plan	

OTHER LOCAL INDEPENDENT PROJECTS

Strategic Project Name / Phase	Brief Project Description	Planned Completion Date	Current Project Lifecycle Phase	Project Risks, Issues, Concerns
Improve Telephone Systems	Install phone system that is compatible with or part of County's current phone system.	FY17	Execute	Funding and ability to tie into or purchase T1 lines.
Video for Juvenile Probation	implement video/web based court appearances for Juvenile offenders	FY17	Concept	Funding, coordination with stakeholders
Microfilm to Digital Conversion Project	Convert current microfilm of court documents retained by the Clerk of the Court to digital format	FY16	Execute	Funding and possible source of service needed
Kofax Replacement Project	Replace outdated Kofax hardware scanning solution	FY16	Execute	Funding
Upgrade OnBase to Version 15.0.1	Upgrade current OnBase system to newer version	FY16	Execute	Funding

D.1. MAJOR STATEWIDE INITIATIVES AND PLANNING/IMPACT INFORMATION

This section provides Commission on Technology with visibility into the demand for various statewide systems currently in development. Also listed below are initiatives that require long-range preparation and may have significant impacts on local infrastructures, resources, and training requirements. Courts should consider high-level impact perspectives that factor into their participation in statewide systems and initiatives.

STATEWIDE INITIATIVE LIMITED JURISDICTION CASE MANAGEMENT SYSTEM – CONVERSION AND IMPLEMENTATION	
<p>Description: A limited jurisdiction court case management system is being developed to replace AZTEC by taking the base GJ CMS (AJACS) application and expanding the functionality to specifically address limited jurisdiction needs then extending the use of system automation that is of specific benefit to Arizona’s justice and municipal courts. Significant, large volume, non-AOC-supported courts have collaborated with the AOC through the provision of resources, funding, and business analysis to build upon the AZTEC-replacement application and develop a solution that meets the needs of all LJ courts, large or small, rural or metropolitan. Additional courts could be consolidated into this solution as their current case management systems age and become un-supportable.</p> <p>Program interfaces that permit integration with other automation systems, like electronic citations, the e-filing manager application, and central document management system are being included. Conversion of certain AZTEC case data and extensive training will be undertaken by the AOC to minimize disruption to local courts during the changeover. Business process and code standardization are also major components of the conversion and implementation effort.</p> <p>Anticipated rollout timeline: Winter 2015 through Fall 2019</p>	
<p>1. Timeframe in which needed: (immediately, next 12 months, 1-2 years, 3-4 years)</p>	<p>3-4 years</p>
<p>2. General Importance or Impact to Your Court: Multiple systems cause complexity – favor all courts in county being converted in relatively short timeframe. Some functionality concerns (i.e. Protective Order module integration, FARE functionality, lack of data conversion).</p>	

**STATEWIDE INITIATIVE
JOLTSaz JUVENILE MANAGEMENT SYSTEM**

Description:

JOLTSaz, the new, fully functional, juvenile tracking system, includes many new features and enhancements beyond Legacy JOLTS screens and functionality. It was successfully implemented in Pima County in June 2013. Following JOLTSaz going live in Pima County, a decision was reached that the system be implemented in the rural counties in a standalone mode initially without the Probation/CMS integration that required so much testing time and coordinated effort in Pima. Further JOLTSaz development in support of the standalone approach is currently underway for case information modules, calendaring, and data conversion activities. This includes enabling Probation financials to be entered directly into JOLTSaz until CMS integration takes place later.

A statewide version of the application will be rolled out in Pima then Yuma in early 2015. Phase II development of JOLTSaz is scheduled to begin concurrent with the rural county rollout and incorporate Court Appointed Special Advocate (CASA), Foster Care Review Board (FCRB), and Juvenile Treatment (JTX) functionality in the new system. In addition, a statewide data repository to replace the juvenile portion of the data warehouse with a real-time feed of juvenile data from iCIS in Maricopa County is planned to coincide with the completion of the rollout in 2016.

Several Phase II projects are scheduled to begin concurrent with the rural county rollout including incorporation of Court Appointed Special Advocates (CASA), Foster Care Review Board (FCRB), and Juvenile Treatment (JTX) functionality into the new system. In addition, the creation of a statewide Juvenile Data Repository will be complete with the real-time feed of juvenile data from iCIS in Maricopa County.

Anticipated rollout timeline for the new statewide version of JOLTSaz

Pima County -- January 2015

Yuma County – March 2015

Remaining Rural Counties -- June 2015 through July 2016

1. Timeframe in which needed: (immediately, next 12 months, 1-2 years, 3-4 years)

3-4 years

2. General Importance or Impact to Your Court/Probation Department:

Stake-holder buy-in is critical, have explored in past. Money to fund local projects is an issue.

**STATEWIDE INITIATIVE
CENTRALIZED ELECTRONIC DOCUMENTS
(LIMITED JURISDICTION COURTS ONLY)**

Description:

Electronic case filing requires a more comprehensive business solution for managing digital documents from cradle to grave, since, by definition, no paper exists. As business becomes dependent on digital documents, they must be stored in a way that protects them, makes them reliably retrievable 24/7, associates them with the cases they relate to through integration with the case management system, enables appropriate public access as specified by Rule 123, and meets records retention requirements. While many limited jurisdiction courts have shown interest in imaging existing paper documents, very few can afford to implement and maintain the full-featured electronic document management system (EDMS) needed to adequately support e-filing.

At the same time, many courts are experiencing facilities issues caused by storing years of accumulated paper records. ACJA § 1-507 allows destruction of paper records for which equivalent electronic records exist, but stipulates that multiple redundant copies and various media must be employed before any paper records can be destroyed (short of reaching their required retention period). The same technical requirements must be met before courts accept e-filings because, by definition, no paper backup exists for these records. The AOC has constructed a shared document management environment for use by limited jurisdiction courts to support both document imaging and e-filing. Following the ACAP subscription model, each participating LJ court will receive a scanner and software licenses to access the central system, along with necessary training to ensure documents are successfully deposited in and retrieved from the system.

Participation in the shared LJ EDMS enables a court to both accept e-filings and destroy paper copies of imaged records. An enhancement for bulk scanning of closed records has been added.

Anticipated rollout timeline: Started Fall 2011 to requesting courts; will be implemented in remaining courts as part of the AJACS rollout

1. Timeframe in which needed: (immediately, next 12 months, 1-2 years, 3-4 years)

3-4 years

2. General Importance or Impact to Your Court: Currently doing e-record on appeal. Interest in e-case filing, but not as a pioneer in Superior Court. LJ Courts are interested in EDMS and e-citation.

**STATEWIDE INITIATIVE
AZTURBOCOURT: E-FILING AND STANDARDIZED FORMS**

Description:

Electronic Filing, aka “e-filing,” is a composite project that uses portions of other individual projects to construct a pinnacle application to enable filing of documents and data along with appropriate and validated indexing information so that data can be automatically accepted and recorded into both the electronic document management and case management systems, thus removing the need for a document scanning function. Currently in production for four courts, the vision is to eventually allow electronic filing for all courts and case types statewide via an Internet portal with multiple e-filing vendors.

E-filing includes a mechanism for filers to pay filing fees online and provides parties and counsel the ability to quickly locate and retrieve documents they have filed and secondary copies of the official court record.

Capabilities will be expanded following an enhancement for participant matching to allow filers to select the parties associated with the filing rather than entering them into the system manually. Also on the horizon is expansion of small claims intelligent forms, which currently can be printed by the filer, into a full electronic filing solution.

As technologies evolve and more experience is gained, new concepts and approaches arise for handling electronic filing in efficient and effective ways. Work is underway on a next-generation e-filing approach to handle rapid expansion to a greater number of courts and to significantly increase overall case volume.

Anticipated rollout timeline: July 2009 onward, by level of court and case type

1. Timeframe in which needed: (immediately, next 12 months, 1-2 years, 3-4 years)

1-2 years

2. General Importance or Impact to Your Court:

**STATEWIDE INITIATIVE
JUDGE/BENCH AUTOMATION**

Description:

Historically, court automation has largely been limited to back-office functions that assisted the clerk or court administrator. As the medium for the majority of documents and judicial resources shifts from paper to digital, out of necessity the way judges operate on the bench and in chambers will also change. The initial effort involved constructing a document review application for use with the AJACS case management system (CMS) that would provide a necessary component for automating the work of judges but not the totality of functions they require.

Preliminary user requirement sessions have been held to determine the information that judges need to have available in chambers and on the bench. A group of judges and a business analyst are examining the workflow of bench operations to identify process improvement opportunities while ensuring that workload doesn't increase by switching to digital documents. Procurement of a solution has been completed. The product is a judicial decision support application, integrated with the target CMS automation, which allows judges in their day-to-day activities to efficiently work with digital documents.

Anticipated rollout timeline: August 2014 (pilot launch at Pima Superior) Winter 2014 (pilot launch at an AJACS superior court)

1. Timeframe in which needed: (immediately, next 12 months, 1-2 years, 3-4 years)

1-2 years

2. General Importance or Impact to Your Court: Buy-in from bench is key.

D.2. LOCAL INFORMATION TECHNOLOGY STRATEGIC RESOURCES

This section provides high-level information about the technology spending and resources by court.

LOCAL TECHNOLOGY RESOURCES				
Court	State Device Cost	Other Technical Cost	Number of:	City or County FTE Technical Support Staff
			Court FTE Technical Staff	
Superior Court/Clerk of the Court	\$55,500	\$4,710	0	0
Holbrook JP	\$7,250	0	0	0
Winslow JP	\$5,250	0	0	0
Snowflake JP	\$8,250	0	0	0
Show Low JP	\$6,000	0	0	0
Pinetop JP	\$4,500	0	0	0
Kayenta JP	\$2,250	0	0	0
Holbrook City	\$2,250	0	0	0
Winslow City	\$0	0	0	0
Show Low City	\$3,000	0	0	0
Pinetop Town	\$2,250	0	0	0

APPENDIX A. CURRENT ENVIRONMENT

1. HARDWARE ENVIRONMENT BY COURT

This section lists the judicial branch-owned hardware deployed in the courts, including mainframes, servers, desktops, and other peripherals.

Court	Number of PCs	PC Operating System	Number of Laptops	Laptop Operating System	Number of Network Printers
Superior Court/Clerk of Court	51	Win 8.1	7	Win 8.1	14
Holbrook JP	7	Win 8.1	1	Win 8.1	3
Winslow JP	7	Win 8.1	0		2
Snowflake JP	7	Win 8.1	0		3
Show Low JP	6	Win 8.1	0		2
Pinetop JP	5	Win 8.1	0		1
Kayenta JP	2	Win 8.1	0		1
Holbrook MC	4	Win 8.1	0		1
Winslow MC	2	Win 8.1	0		1
Show Low MC	3	Win 8.1	0		2
Pinetop MC	2	Win 8.1	0		1

2. HARDWARE FOR SPECIAL FUNCTIONS

Court	Number of:					
	Public Access PCs	In Courtroom PCs	In Chambers PCs	DPS ACJIS Terminals	Imaging/ Scanning Workstations	Dedicated Training PCs
Superior Court	1	5	4			0
Clerk of Court		5			2	0
Justice Courts		5	5			0
Probation						0

3. LOCAL SERVER HARDWARE AND FUNCTION

Local Server Information					
Court/Dept.	# Brand / Model	Operating System	Database	Managed by	Use/ Applications
Clerk of the Court	Microsoft Hyper-V Virtual Server	MS Windows Server 2008 R2	MS SQL 2008 R2	County IT	OnBase Imaging/Document Management
Court Administration	Microsoft Hyper-V Virtual Server	MS Windows Server 2008 R2		County IT	Digital Audio - Liberty®

4. NETWORK ENVIRONMENT

Network is the Arizona Judicial Information Network (AJIN), maintained by the AOC, and all court computer equipment is attached to it.

5. SOFTWARE ENVIRONMENT

This section identifies all the software used in the county's courts. It includes the state-provided applications (such as AJACS, AZTEC, TIP, JOLTS, and APETS) and also any word processing, spreadsheet, report writing and other database or other tracking applications.

Local Applications

Application Name	Description of Application	Courts Using	Developed/ Supported by	Vendor Package, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
AJACS	Case & Financial Management	Superior Court, Clerk	AOC/AmCad	Vendor Pkg	2008	
AZTEC application software for the Arizona Court Automation Project (ACAP)	State standard case management system.	All Justice and Municipal Courts	AOC	AOC-Supported	1993	LJ AJACS
AZTEC module: Probate case management	A module of AZTEC to process Superior Court probate cases.	Clerk of Superior Court	AOC	AOC-Supported	1993	LJ AJACS
AZTEC module: Calendaring	A module of AZTEC integrated to docket and case management that tracks all events and provides daily calendars.	All Justice and Municipal Courts	AOC	AOC-Supported	1993	LJ AJACS
AZTEC module: Financials	A module of AZTEC that performs the cash management functions.	Superior Court and all Justice and Municipal Courts	AOC	AOC-Supported	1993	LJ AJACS

Local Applications

Application Name	Description of Application	Courts Using	Developed/ Supported by	Vendor Package, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
AZTEC forms generation	A feature of AZTEC that allows automatic generation of forms and minute entries using imported AZTEC data and Word Perfect.	Superior Court and all Justice and Municipal Courts	AOC	AOC-Supported	1993	LJ AJACS
APETS (Adult Probation Enterprise Tracking System)	The new state standard system for tracking adult probationers.	Probation	AOC	AOC-Supported	2006	
DCATS - CASA	The statewide system for tracking court appointed special advocates.	Superior Court	AOC	AOC-Supported	Early 90's	CASAaz
JOLTS (Juvenile On-Line Tracking System)	The state standard system for tracking juveniles in the court system, including juvenile probation, dependency and detention.	Probation	AOC	AOC-Supported	1991	JOLTSaz
JOLTS Storage Area Network (SAN)	Centralize storage for documents, etc.	Probation	AOC	AOC-Supported		
Statistical Reports (CASPER)	A statewide statistical reporting application.	Superior Court and all Justice and Municipal Courts	AOC	AOC-Supported		
CourTools						

Local Applications

Application Name	Description of Application	Courts Using	Developed/ Supported by	Vendor Package, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Other court performance / metrics tracking tool						
Tax Intercept Program (TIP)	A state standard system for reporting and collecting delinquent debt via Department of Revenue and AZ Lottery.	Superior Court and all Justice and Municipal Courts	AOC	AOC-Supported		
Win 8.1	The operating system of the state standard desktop PCs.	Superior Court and all Justice and Municipal Courts	Microsoft/AOC staff	Vendor Pkg	2015	Windows 8.1
Data backup / recovery system	Microsoft DPM	Superior Court	Microsoft	Vendor Pkg	2014	
Outlook 2013	The email and calendaring software used by AJIN.	Superior Court and all Justice and Municipal Courts	Microsoft	Vendor Pkg		
Seagate Info/Crystal Reports/Crystal Enterprise	A report-writing tool for user ad hoc reports from various applications.	Superior Court Administration	Crystal/AOC staff	Vendor Pkg		
Problem and Change Management						
Software Configuration Management						

Local Applications

Application Name	Description of Application	Courts Using	Developed/ Supported by	Vendor Package, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Hardware and Software Inventory						
Procurement / Materials Mgmt						
Tracorp LMS	Software for interactive, instructor-led on-line training	Superior Court and all Justice and Municipal Courts	Tracorp	Vendor Pkg		
Other online training tool						
Adobe Acrobat Reader	A free product from Adobe Acrobat for reading documents in PDF format.	Superior Court and all Justice and Municipal Courts	Adobe	Vendor Pkg		
Adobe Acrobat Professional XI			Adobe	Vendor Pkg		
Word 2013	A word processing system.	Superior Court and all Justice and Municipal Courts	Microsoft/local & AOC staff	Vendor Pkg		
Excel 2013	A spreadsheet product from Microsoft.	Superior Court Administration	Microsoft	Vendor Pkg		

Local Applications

Application Name	Description of Application	Courts Using	Developed/ Supported by	Vendor Package, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Database MS-Access 2013	Caseflow management and collections functions. (Not Production of court record) – Developed and used because state wide system is unable to track this type of information.	Court admin. Collections	Microsoft/Local staff	Vendor Pkg		
Project management / tracking						
Timekeeping						
Human Resources						
McAfee Virus Scan	Virus detection software to protect local PCs.	Superior Court and all Justice and Municipal Courts	McAfee	Vendor Pkg		
Fines, Fees and Restitution Enforcement Module for FARE participation	This is a package of programs for automated transfer of case data to a collections vendor for noticing and collections efforts. It also includes web payment and an IVR interface.	Superior Court and all Justice and Municipal Courts	AOC and vendor, ACS	AOC-Supported	2003	
Other collections tracking						

Local Applications

Application Name	Description of Application	Courts Using	Developed/ Supported by	Vendor Package, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Pre-adjudication payment/online pmt processing	n-Court	Superior & Limited	n-Court	Vendor Package		
Digital Audio: Product Name: Liberty	This is a digital audio recording system used to record court proceedings.	Superior Court and all Justice and Municipal Courts	JCG Technologies	Vendor Pkg		
Document Scanning Product Name: OnBase Prod. Document Imaging	This is a document imaging program used to scan and store filed documents.	Superior Court	OSAM	Vendor Pkg		
Document Management Product Name: OnBase V13 SP2	This is a document management program used to store and retrieve electronic documents.	Superior Court	OSAM	Vendor Pkg		
Integration-electronic data reporting of dispositions to DPS	An electronic transaction to DPS with court dispositions.	Justice Courts	AOC developed and supported.	AOC Supported		
Integration-electronic data reporting of citations/dispositions to MVD.	An electronic transaction to MVD for traffic citations.	Justice Courts	AOC developed and supported	AOC Supported		

Local Applications

Application Name	Description of Application	Courts Using	Developed/ Supported by	Vendor Package, Bolt-On, or Standalone	Implementation Date	Replacement Date/Strategy
Jury system: Next Generation	Software program that assists the Jury Commissioner on summoning and paying Jurors	Superior Court	Jury+	Vendor Pkg		
Public access						
Court Web site	Provides general information for courts as well as providing a limited amount of forms.	Justice Courts Superior Court	Court Administration	Standalone		
Interactive Voice Response						

6. COMPARISON OF ENVIRONMENT TO ARIZONA JUDICIAL BRANCH ENTERPRISE ARCHITECTURE

The table below prompts you to identify any current technologies and products classified in the retirement and containment categories of the architecture. Beginning with the FY08 plan, COT requires that a project be defined for the removal/replacement or any item listed in the “retirement” category within plan period. Items in the “containment” category can have no additional use without exception being granted by COT. The next stop on the lifecycle is retirement; therefore, further investment is unwise and serves to make removal/replacement only more difficult and expensive.

The complete, updated table appears on the COT website at <http://www.azcourts.gov/cot/EnterpriseArchitectureStandards.aspx>. Where there are unique, local undertakings that cannot be leveraged, a court is free to go beyond the standards set in the table. When sharable modules related to core applications are developed, the standards must be followed.

Architecture Layers	Retirement (targeted for de-investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)
Applications & Tools			
User Interface Delivery Method for Public Access	Netscape		Internet Explorer
User Interface Delivery Method for Business Applications	Character based	Silverlight	AZTEC
Electronic Document Management	LaserFiche, Hyland OnBase <12.0.2		OnBase 13.0.2
Document Imaging	Kofax Card	Kofax Ascent Capture	Kofax Adrenaline Card`
Report Writer for Ad Hoc Reporting	Crystal <10 MS-SSRS 2000	Crystal 10 MS-SSRS 2005	Crystal Enterprise
Report Writer for Business Application Reports	Crystal <10	Crystal 10 MS-SSRS 2005	Crystal Enterprise
Development Languages	COBOL, JAM, RPG, MUMPS, FoxPro	Java (on a business case need basis), ASP (Classic), .NET Framework ≤V2.X, Silverlight	

Architecture Layers	Retirement (targeted for de-investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)
Development Environment	Panther, Visual Studio ≤2005, Visual Studio 6, Visual Interdev	Visual Studio 2008, PowerBuilder, MS-Access	
Source Control	Aldon		
Analysis Tools	HOW		
Office Productivity Tools			
Word Processing	WordPerfect, Word ≤2003	Word 2007	Word 2013
Spreadsheet	Excel <2003 Quattro Pro	Excel 2007	Excel 2013
Presentation	PowerPoint ≤2003 CorelDraw	PowerPoint 2007	PowerPoint 13
Local Standalone Database	MS-Access ≤2003	MS-Access 2007	MS-Access 2013
E-mail Client	Outlook ≤2003, Lotus Notes, GroupWise (unsupported)	Outlook 2007, Lotus Notes, GroupWise (supported versions)	Outlook 2013
Instant Messaging		MS-Live Communication Server	Lync
Data Architecture			
DBMS	SQL Server ≤2005, FoxPro, Clipper	SQL Server 2008	MS-SQL 2008 R2
Data Warehouse DBMS		Informix XPS, SQL Server 2008	
Data Exchange Model		Fixed format, XML homegrown	

Architecture Layers	Retirement (targeted for de-investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)
Networks and Platforms			
Network Protocol	SNA		
Wireless Network Access	WEP		
Network Operating System	Novell (unsupported) Windows (unsupported)	Windows Server 2003	
Client Operating System	Windows ≤XP	Windows 7, Vista	Win 8.1
Server Operating Systems	OS/400, DEC VMS, Windows ≤2003	Windows Server 2003	Server 2008 R2
Mobile Operating Systems	BlackBerry O/S		
Shared Services			
Component Service Layer		Web Services previous version, DCOM, ASP (classic)	
Message Transport Middleware			
Message Transport	MQ ≤V5.2	MQ V5.3/V6.0	
Data Transformation	Data Junction, MQSI ≤ V2.1	Cloverleaf, WMB V6.0, BizTalk	
Data Routing/Publish and Subscribe	MQSI ≤V2.1	Cloverleaf, WMB V6.0, BizTalk	
File Transfer, Scheduled Production	FTP (intercourt and using public Internet), MQ ≤5.2	FTP (intracourt only), MQ V5.3/V6.0	

Architecture Layers	Retirement (targeted for de-investment)	Containment (limited to maintenance & current commitments)	Current Court Technology or Product (fill in)
File Transfer, Ad Hoc	MQ ≤5.2	MQ V5.3/V6.0	